

Title (en)

POSITIVE ELECTRODE MATERIAL AND BATTERY USING SAME

Title (de)

POSITIV ELEKTRODENMATERIAL UND BATTERIE DAMIT

Title (fr)

MATÉRIAU D'ÉLECTRODE POSITIVE ET BATTERIE UTILISANT CELUI-CI

Publication

EP 3745508 A1 20201202 (EN)

Application

EP 18902871 A 20181212

Priority

- JP 2018011525 A 20180126
- JP 2018045584 W 20181212

Abstract (en)

The present disclosure provides a cathode material which has improved charge / discharge efficiency; and a battery using the same. The cathode material includes a cathode active material and a first solid electrolyte material; and the first solid electrolyte material contains Li, M and X; however, does not include sulfur. M represents at least one element that is selected from the group consisting of metalloid elements and metal elements other than Li. X represents at least one selected from the group consisting of Cl and Br, and I. The cathode active material includes lithium iron phosphate.

IPC 8 full level

H01M 4/136 (2010.01); **H01B 1/06** (2006.01); **H01M 4/58** (2010.01); **H01M 4/62** (2006.01); **H01M 10/052** (2010.01); **H01M 10/0562** (2010.01)

CPC (source: EP US)

H01B 1/06 (2013.01 - EP); **H01M 4/136** (2013.01 - EP US); **H01M 4/58** (2013.01 - EP); **H01M 4/5825** (2013.01 - US); **H01M 4/62** (2013.01 - EP US); **H01M 10/052** (2013.01 - EP US); **H01M 10/0525** (2013.01 - EP US); **H01M 10/0562** (2013.01 - EP US); **H01M 50/431** (2021.01 - US); **H01M 2004/028** (2013.01 - US); **H01M 2300/0068** (2013.01 - EP); **H01M 2300/008** (2013.01 - US); **H01M 2300/0094** (2013.01 - US); **Y02E 60/10** (2013.01 - EP)

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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